

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A liquid-crystal display apparatus comprising:
a liquid-crystal display panel;
means for supplying a primary color video signal, wherein a correction signal for canceling chrominance non-uniformity is superimposed on the primary color video signal; and
means for supplying a common voltage;
wherein the correction signal for canceling chrominance non-uniformity is not a luminance correction signal.
2. (Original) A liquid-crystal display apparatus comprising:
a liquid-crystal display panel;
means for supplying a primary color video signal; and
means for supplying a common voltage, wherein a correction signal for canceling chrominance non-uniformity is superimposed on the common voltage.
3. (Currently amended) A three-panel liquid-crystal display projector comprising:
a white light source;
a color separation system for separating a white light from the white light source into color lights;
a liquid-crystal display panel, supplied with a red video signal and a common voltage, for presenting a red video image;
a liquid-crystal display panel, supplied with a green video signal and a common voltage, for presenting a green video image;
a liquid-crystal display panel, supplied with a blue video signal and a common voltage, for presenting a blue video image, wherein one of the red, green and blue video images is projected in a left-side-right inverted orientation;
a color synthesis system for synthesizing the color video images; and
a lens system, wherein a chrominance non-uniformity correction signal is superimposed on the video signal which is supplied to the liquid-crystal display panel which projects the left-side-right inverted video image;

wherein the correction signal for canceling chrominance non-uniformity is not a luminance correction signal.

4. (Currently amended) A three-panel liquid-crystal display projector comprising:
a white light source;
a color separation system for separating a white light from the white light source into color lights;
a liquid-crystal display panel, supplied with a red video signal and a common voltage, for presenting a red video image;
a liquid-crystal display panel, supplied with a green video signal and a common voltage, for presenting a green video image;
a liquid-crystal display panel, supplied with a blue video signal and a common voltage, for presenting a blue video image, wherein one of the red, green and blue video images is projected in a left-side-right inverted orientation;
a color synthesis system for synthesizing the color video images; and
a lens system, wherein chrominance non-uniformity correction signal is superimposed on the common voltage which is supplied to the liquid-crystal display panel which projects the left-side-right inverted video image;
wherein the chrominance non-uniformity correction signal is not a luminance correction signal.

5. (Original) A three-panel liquid-crystal display projector according to claim 3, wherein the liquid-crystal display panel which projects the left-side-right inverted video image is the liquid-crystal display panel for presenting the green video image.

6. (Original) A three-panel liquid-crystal display projector according to claim 4, wherein the liquid-crystal display panel which projects the left-side-right inverted video image is the liquid-crystal display panel for presenting the green video image.

7. (New) A three-panel liquid-crystal display projector, comprising:
a plurality of liquid-crystal display panels respectively receiving red, green, and blue light rays from a light source through a color separation system to respectively produce a red video image, a green video image, and a blue video image;
a color synthesis system for synthesizing the red, green and blue video images for projection onto a screen to produce an enlarged image on the screen; and
an electrical signal processing system for receiving a primary color video signal from a color video reproducing apparatus, synchronization signals, and a common voltage, and outputting respective red, green and blue video signals and a common voltage; and
a chrominance non-uniformity correction circuit providing a chrominance non-uniformity correction signal to the electrical signal processing system for canceling chrominance non-uniformity;
wherein the chrominance non-uniformity correction signal is not a luminance correction signal.

8. (New) The liquid-crystal display apparatus as set forth in claim 7, wherein said chrominance non-uniformity correction signal is superimposed on the primary color video signal.

9. (New) The liquid -crystal display apparatus as set forth in claim 7, wherein said chrominance non-uniformity correction signal is superimposed on the common voltage.

10. (New) The liquid-crystal display apparatus as set forth in claim 7, wherein said electrical signal processing system includes at least one of a fixed brightness adjustment, a fixed gain adjustment, and a fixed common voltage fixed through a display period.